2. (Original) The installation as set forth in claim 1, characterized in that it comprises a second coupler to be connected to an ADSL line input on the one side and to the electric power distribution line on the other side.

3. (Original) The installation as set forth in claim 2, characterized in that the second coupler is located at the end of telephone transmission line.

4. (Currently Amended) The installation as set forth in ~~any of the claims~~claim 1 ~~through 3~~, characterized in that it comprises, in the ADSL line input, a separator circuit for separating telephony signals from ADSL signals.

5. (Currently Amended) The installation as set forth in ~~any of the claims~~claim 1 ~~through 4~~, characterized in that the filtering circuit comprises series inductance in a branch connected to a connection of the electric power distribution line.

6. (Currently Amended) The installation as set forth in ~~any of the claims~~claim 1 ~~through 5~~, characterized in that the filtering circuit comprises series inductance in each of the branches connected to the connections of the electric power distribution line.

7. (Currently Amended) The installation as set forth in ~~any of the claims~~claim ~~5 through~~ 6, characterized in that an inductance has a value such that it makes certain that the resonance frequency of the circuit it forms with an input capacity of a supply circuit connected to the auxiliary line is far less than 100 kHz, for example on the order of 30 kHz, said value being in practice on the order of 4 MHz.

8. (Currently Amended) The installation as set forth in ~~any of the claims~~claim 1 ~~through 7~~, characterized in that, on the electric power distribution line, the impedance of the filtering circuit is in excess of 2 kilohms in the frequency range used for ADSL transmission.

Please add the following new claims:

9. (New) A digital signal distribution installation comprising:

a housing that houses:

(a) a coupler linked to an alternating current electrical distribution line and linked to a DSL model with the coupler disposed therebetween, wherein the coupler permits high frequency digital signals carried by the electrical distribution line to pass between the electrical distribution line and the DSL modem while blocking flow of low frequency alternating current to the DSL modem; and

(b) a filtering circuit linked to the alternating current electrical distribution line and a plurality of electrical power sockets carried by the housing, the filtering circuit comprising with the filtering circuit disposed therebetween:

(1) a pair of inductors with one inductor connected to one branch of the electrical distribution line and the other inductor connected to another branch of the electrical distribution line and providing an impedance that opposes passage of high frequency digital signals to any appliance connected to one of the electrical power sockets; and

(2) a pair of resistances with one resistance connected to the one branch in parallel with the one inductor and the other resistance connected to the another branch in parallel with the other inductor.

10. (New) The digital signal distribution installation of claim 9 further comprising a plug disposed exteriorly of the housing that is plugged into an electrical power socket of the building that is linked to the electrical distribution line.

11. (New) The digital signal distribution installation of claim 9 further comprising an RJ11 socket carried by the housing that receives a plug of the DSL modem.

12. (New) The digital signal distribution installation of claim 11 wherein the DSL modem comprises an ADSL modem.

13. (New) The digital signal distribution installation of claim 9 wherein each inductor has an inductance that limits the resonance frequency to less than 100 kilohertz.

14. (New) The digital signal distribution installation of claim 9 wherein each inductor has an inductance selected to provide the filtering circuit with an impedance of at least 2 kilohms over the frequency range of the digital signals.

15. (New) A device for distributing digital signals carried by an alternating current electric power line in a building having a plurality of alternating current power sockets each able to supply alternating current at a voltage, the device comprising:

(a) a case having a plug that can be plugged into one of the alternating current power sockets and having a plurality of spaced apart alternating current power sockets each of which can receive a plug of an electrical appliance and a digital signal connector;

(b) a coupler linked to alternating current provided to the device via its plug and linked to the digital signal connector, the coupler blocking the alternating current while permitting passage of the digital signals therethrough; and

(c) a filtering circuit linked to alternating current provided to the device via its plug and linked to each one of the plurality of spaced apart alternating current power sockets, the filtering circuit blocking the digital signals while permitting passage of alternating current to each one of the plurality of alternating current power sockets.

16. (New) The device of claim 15 wherein the filtering circuit comprises a plurality of inductors and a resistance in parallel with each one of the plurality of inductors.

17. (New) The device of claim 16 wherein each inductor has an inductance that limits the resonance frequency to less than 100 kilohertz.

18. (New) The device of claim 16 wherein each inductor has an inductance selected to provide the filtering circuit with an impedance of at least 2 kilohms over the frequency range of the digital signals.

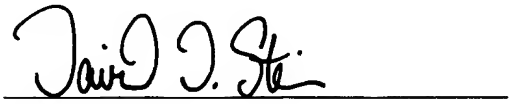
19. (New) The device of claim 16 wherein the coupler comprises a transformer having a plurality of inputs each linked to one branch of the electric power supply line by a condenser.

20. (New) The device of claim 15 further comprising a connector linked to the coupler to which a DSL modem is connected that receives digital signals passed by the coupler and sends digital signals passed through the coupler.

REMARKS

The above amendments are made to delete multiple dependency claim language and to add claims that better define the present invention. The claims are believed to be in condition for examination, and such action is earnestly requested.

Respectfully submitted,



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